

preventing an unwanted feed of cleaning agent.

14 (Amended). Drinks machine according to Claim 1, and a device (19) for determining the filling level in said storage container (4).

15 (Amended). Drinks machine according to Claim 14, wherein said device for determining filling level (19) exhibits a part (7c) loaded by the weight of the cleaning agent in said storage container (4), a spring (20) countering the weight of the cleaning agent and loading said part (7c), and a switching device (23, 24), through which the movement of said part (7c) due to the effect of said spring (20) can be determined.

16 (Amended). Entry device for a solid cleaning agent, in particular in pressed form, for joining to a drinks machine, comprising in combination an enclosed automatic dosage device having a spout (10), a storage container (4) protected from the spout (10), a dosage unit (8), and connection means (18) for joining said dosage device to the associated drinks machine.

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REMARKS

The claims have now been reviewed and amended to conform to U.S. practice, but have not been narrowed. The specification has been given headings, and a substitute Abstract has been provided on a separate sheet. No new matter has been added.


Attached hereto is a marked up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "Version with markings to show changes made".

It is respectfully submitted the application as amended above is now in condition for substantive examination on the merits. If any claim or other fees are due by this Amendment, please charge our deposit account No. 13-2855.

Respectfully submitted,

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Date: November 20, 2001

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

At page 1, after the title, please add a new centered heading as follows:

--Field of the Invention--

Page 1, please delete the first full paragraph and substitute with the following:

The invention relates to a drinks machine, in particular a coffee machine [of the type described in the preamble of Claim 1].

Page 1, after the first full paragraph, please add a new centered heading as follows:

--Background of the Invention--

Page 1, after second full paragraph, please add a new centered heading as follows:

--Summary of the Invention--

Page 1, please delete the fourth full paragraph.

Page 2, please delete the first full paragraph and substitute with the following:

A particularly simple and effective dosage is achieved by [the] a movable dosage chamber [given in Claim 2] which acts as a transport device for a predetermined amount of cleaning agent from the storage container to the outlet.

Page 2, please delete the second full paragraph and substitute with the following:

[The] A sensor [provided by Claim 3] increases the safety and can be used for controlling the dosing device.

Page 2, please delete the third full paragraph and substitute with the following:

Further protection against undesired feeding of cleaning agent is obtained by [the] a shut-off device [according to Claim 4].

Page 2, please delete the fourth full paragraph and substitute with the following:

The shut-off device can be actuated by the sensor to increase the safety level still

further by [the] an arrangement of the shut-off device [according to Claim 5] in the direction of flow of the cleaning agent.

Page 2, please delete the fifth full paragraph and substitute with the following:

A particular advantage are [the] design arrangements [according to Claims 6 to 11] which are particularly adapted to the dosage of solid cleaning agent in granular form. It has been found that with the dosage wheel described, it is possible to correctly dose and feed safely even strongly hygroscopic granular grains without lumps forming and blockages occurring.

Page 2, please delete the sixth full paragraph and substitute with the following:

The present development [according to Claim 12], which can be separated into parts, simplifies cleaning the dosage device without impairing its enclosed properties.

Page 2, please delete the seventh full paragraph and substitute with the following:

[Claims 13 to 15] The invention provides further protection against faulty functioning.

Page 2, please delete the eighth full paragraph and substitute with the following:

[Claim 16] There is describe[s]d a dosage device [according to this invention] with which the present drinks machine can be retrospectively fitted.

Page 2, after the eighth full paragraph, please add a new centered heading as follows:

--Brief Description of the Drawings--

Page 3, after description of Fig. 3, please add a new centered heading as follows:

--Detailed Description of the Invention--

IN THE CLAIMS:

Please delete "Patent Claims" at top of page.

At line 1, before claim 1, please insert --I Claim--.

1 (Amended). Drinks machine, in particular a coffee machine, with an entry device

for solid cleaning agent, in particular in pressed form, comprising in combination [characterized by] an automatically dosing, enclosed dosage device (1) for the cleaning agent, [which includes] said dosage device including a spout (10), a storage container (4) protected from the spout (10), and a dosage unit (8).

2 (Amended). Drinks machine according to Claim 1, wherein said [characterized in that the] dosage unit (8) contains at least one movable dosage chamber (9) through which a certain predetermined amount of cleaning agent can be fed from [the] said storage container (4) into said [the] spout (10).

3 (Amended). Drinks machine according to Claim 1 [or 2, characterized in that the], wherein said dosage unit (8) contains a sensor (17) in [the] said spout (10) for determining the presence [and/]or absence of cleaning agent.

4 (Amended). Drinks machine according to [one of] Claim[s 1 to] 3, [characterized in that the] wherein said dosage unit (8) contains a shut-off device (15) for [the] said spout (10).

5 (Amended). Drinks machine according to Claim[s 3 and] 4, [characterized in that the] wherein said shut-off device (15) is arranged after [the] said sensor (17) in the direction of flow.

6 (Amended). Drinks machine according to [one of the] Claim[s] 1 [to 5, characterized in that the], wherein said dosage unit includes a dosage wheel (7) with a number of dosage chambers (9) arranged at intervals to one another and which can be consecutively aligned flush with said [the] spout (10).

7 (Amended). Drinks machine according to Claim 6, [characterized in that the] wherein said dosage wheel (7) can be driven about a vertical axis and which includes the lower boundary of [the] said storage container (4) in the direction of gravity and that [the] said spout (10) is arranged below said [the] dosage wheel (7).

8 (Amended). Drinks machine according to Claim 7, [characterized in that the] wherein said dosage wheel (7) is formed as a disc and [the] said dosage chambers (9) are formed as through-openings through [the] said disc.

9 (Amended). Drinks machine according to [one of the] Claim[s 2 to 8, characterized in that] 6, and a scraper (11) is provided in the region above [the] said spout (10) to protect [the] said dosage chamber (9) aligned flush with [the] said spout (10) from [the] said storage container (4).

10 (Amended). Drinks machine according to [one of the] Claim[s 1 [to 9, characterized by], and the application of cleaning agent in granular form.

11 (Amended). Drinks machine according to Claim[s 2 and 10, characterized in that the] 6, wherein said dosage chamber (9) is formed for only accepting one single granulate grain.

12 (Amended). Drinks machine according to [one of the] Claim[s 1 to 11, characterized in that the] 6, wherein said dosage device (1) can be separated into parts, wherein [the] said storage container (4) consists of a housing (4a) which can be removed from a base section (6), [the] said base section (6) includes [a] said dosage wheel (7) of [the] said dosage unit (8), and [the] said base section (6) can be removed from a beam (3) which includes the drive (13, 14) of [the] said dosage wheel (7).

13 (Amended). Drinks machine according to [one of the] Claim[s 1 [to 12, characterized by], and a device (15, 16, 17) for preventing an unwanted feed of cleaning agent.

14 (Amended). Drinks machine according to [one of the] Claim[s 1 [to 13, characterized by], and a device (19) for determining the filling level in [the] said storage container (4).

15 (Amended). Drinks machine according to Claim 14, [characterized in that the] wherein said device for determining filling level (19) exhibits a part (7c) loaded by the weight of the cleaning agent in [the] said storage container (4), a spring (20) countering the weight of the cleaning agent and loading [the] said part (7c), and a switching device (23, 24), through which the movement of [the] said part (7c) due to the effect of [the] said spring (20) can be determined.

16 (Amended). Entry [Dosage] device for a solid cleaning agent, in particular in pressed form, for joining to a drinks machine [according to one of the Claims 1 to 15, characterized by its], comprising in combination an enclosed [form and] automatic dosage device having [with] a spout (10), a storage container (4) protected from the spout (10), a dosage unit (8), and connection means (18) for joining said dosage device to the associated drinks machine.